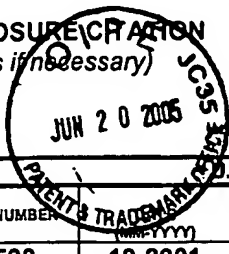


<b>INFORMATION DISCLOSURE/CITATION</b> (Use several sheets if necessary)	Docket Number (Optional) 15977-3	Application Number 10/646,502
	Applicant(s) SUNGHO JIN	
	Filing Date August 23, 2003	Group Art Unit 2812



EXAMINER INITIAL	REF	DOCUMENT NUMBER	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RB		6,297,592	10-2001	Goren et al.	315	3.5
		6,538,367	03-2003	Choi et al.	313	309
		6,283,812	09-2001	Jin et al.	445	24
		2003/0096104	05-2003	Tobita et al.	428	332
		6,187,604	02-2001	Gilton	438	20
		5,637,539	06-1997	Hofmann et al.	438	20
		6,141,470	10-2000	Espindola et al.	385	37
		6,124,650	09-2000	Bishop et al.	310	40
		5,811,916	09-1998	Jin et al.	313	311
		6,519,075	02-2003	Carr et al.	359	291
		6,574,026	06-2003	Jin et al.	359	224
		6,391,670	05-2002	Wells et al.	438	20
		6,620,640	09-2003	Gilton	438	20
RB		2002/0146853	10-2002	Karpov et al.	438	20

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE (MM-YYYY)	NAME	CLASS	SUBCLASS	TRANSLATION Yes No
RB		EP 1 184 888	03-2002	Howard et al.	H01J21	10	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
RB		Gilmour, Jr., A.S., "Microwave Tubes," Artech House, pgs. 191-313 (1986)	
RB		Brodie, I., et al., "Vacuum Microelectronics," Advances In Electronics and Electron Physics, Vol. 83, pgs. 1-106 (1992)	
RB		Bower, C., et al., "On-chip vacuum microtriode using carbon nanotube field emitters," Applied Physics Letters, Vol. 80, No. 20, pgs. 3820-3822 (May 20, 2002)	

Examiner Signature: <i>Richard A. Brody</i>	Date Considered: <i>08/22/05</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Applicant(s) SUNGHO JIN	
	Filing Date August 23, 2003	Group Art Unit 2812

**U.S. PATENT DOCUMENTS**

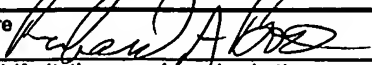
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE (MM-YYYY)	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE (MM-YYYY)	NAME	CLASS	SUBCLASS	TRANSLATION	
							Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

R3		Rinzler, A.G., et al., "Unraveling Nanotubes: Field Emission from an Atomic Wire," Science, Vol. 269, pgs. 1550-1553 (September 15, 1995)	
		de Heer, Walt A., et al., "A Carbon Nanotube Field-Emission Electron Source," Science, Vol. 270, pgs. 1179-1180 (November 17, 1995)	
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		Liu, J., et al., "Fullerene Pipes," Science, Vol. 280 pgs. 1253-1256 (May 22, 1998)	
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Examiner Signature 	Date Considered 08/22/05
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	<b>Applicant(s)</b> SUNGHO JIN	
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							Yes	No

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

RB		Dean, K., et al., "The environmental stability of field emission from single-walled carbon nanotubes," Applied Physics Letters, Vol. 75, No. 19, pgs. 3017-2019 (November 8, 1999)					
		Adachi, H., et al., "Stable carbide field emitter," Appl. Phys. Lett., Vol. 43, No. 7, pgs. 702-703 (October 1, 1993)					
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